

FIG. 1

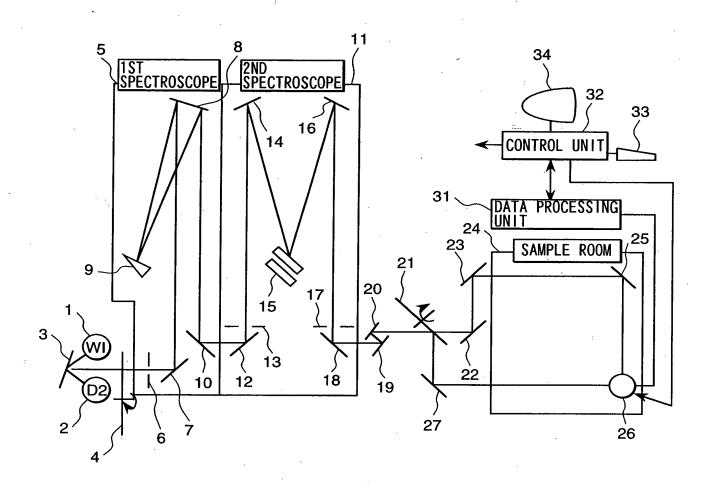




FIG. 2

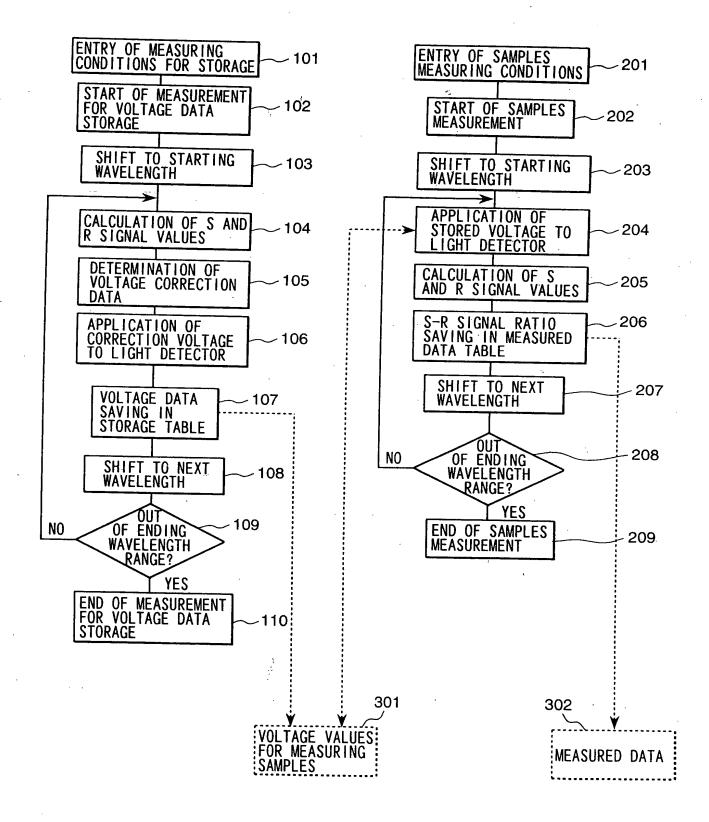




FIG. 3

VOLTAGE VALUES FOR MEASURING SAMPLES

WHEN THE WAVELENGTH SHIFTING SPEED IS EQUAL TO, TWICE, AND FOUR TIMES THAT OF VOLTAGE DATA STORAGE MEASUREMENT

| DATA STURAGE MEASUREMENT | | |
|--------------------------|------------------------------|--|
| WAVELENGTH | APPLIED VOLTAGE VALUE (V) | |
| λ1 | 800 | |
| λ 2 | 810 | |
| λ3 | 820 | |
| λ4 | 830 | |
| λ5 | 840 | |
| λ6 | 850 | |
| λ7 | 860 | |
| ••• | ••• | |

VOLTAGE DATA STORAGE TABLE

| WAVELENGTH | VOLTAGE VALUE (V) |
|------------|----------------------|
| λ1 | 800 |
| λ2 | 810 |
| λ3 | 820 |
| λ4 | 830 |
| λ5 | 840 |
| λ6 | 850 |
| λ7 | 860 |
| ••• | ••• |

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WAVELENGTH SHIFTING SPEED: NO CHANGE (EQUAL)

> WAVELENGTH SHIFTING SPEED: TWICE

| WAVELENGTH | APPLIED VOLTAGE VALUE (V) |
|------------|------------------------------|
| λ1 | 800 |
| λ3 | 820 |
| λ5 | 840 |
| λ7 | 860 |
| ••• | ••• |

WAVELENGTH SHIFTING SPEED: FOUR TIMES

| WAVELENGTH | APPLIED VOLTAGE VALUE (V) |
|------------|------------------------------|
| λ1 | 800 |
| λ5 | 840 |
| ••• | ••• |